| | **Application No.** | **Applicant(s)** |
|---|---|---|
| **Notice of Allowability** | 10/615,420 | WESTMAN ET AL. |
| | **Examiner** | **Art Unit** | |
| | John M. MacIlwinen | 2442 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--*

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to <u>8/15/2008</u>.

2. ☒ The allowed claim(s) is/are <u>1-56</u>.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

      a) ☒ All    b) ☐ Some*   c) ☐ None   of the:

         1. ☒ Certified copies of the priority documents have been received.

         2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

         3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    **Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date <u>10/01/2008</u> .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

/Andrew Caldwell/
Supervisory Patent Examiner, Art Unit 2442

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter Flanagan on 10/1/2008.

The application has been amended as follows:

IN THE CLAIMS:

1.      (Currently Amended)  A method, comprising:

receiving, at a first entity associated with a communication system from a

storage entity, information comprising an address of or a name of a

communication control entity configured to service a user of the communication

system;

generating, by the first entity, an initial request on behalf of the user; and

based on said information, signaling the initial request from the first entity

to the communication control entity,

wherein the initial request includes information regarding the handling of

communications associated with the request, the information in the initial request

indicating whether to originate or terminate a service[[.]],

wherein the first entity comprises an application server, and

said application server including a processor for executing a service.


2.      (Cancelled)


3.      (Previously Presented)  The method of claim 1, wherein the initial

request includes an indication that further communications associated with the

initial request shall be handled in a similar manner as though the request had

originated from the user.


4.      (Previously Presented)  The method of claim 1, wherein either

terminating services or originating services are provided based on the request.


5.      (Previously Presented)  The method of claim 1, further comprising:

deciding, in the first entity, how the communication control entity shall

handle further communications associated with the request.


6.      (Cancelled)


7.      (Previously Presented)  The method of claim 1, wherein the initial

request is generated based on information regarding the address of the

communication control entity.


8.      (Previously Presented)  The method of claim 7, further comprising:

modifying, by the first entity, said information regarding the address of the

communication control entity before sending the initial request.


9.      (Previously Presented)  The method of claim 1, further comprising:

adding, by the first entity, a service type indicator into the initial request.

10.    (Previously Presented)  The method of claim 9, wherein the service

type indicator is included in the address of the communication control entity.

11.    (Previously Presented)  The method of claim 10, wherein the service

type indicator is included in a user part of the address.

12.    (Previously Presented)  The method of claim 10, wherein the service

type indicator is included in a domain part of the address.

13.    (Previously Presented)  The method of claim 1, further comprising:

selecting, by the first entity, a port where the request shall be sent.

14.    (Previously Presented)  The method of claim 1, wherein the

information received from the storage entity comprises a universal resource

identifier of the communication control entity.

15.    (Previously Presented)  The method of claim 1, wherein the

information received from the storage entity comprises a name of the

communication control entity.

16.    (Previously Presented)  The method of claim 1, wherein the

information received from the storage entity comprises a service type indicator

parameter.


17.    (Previously Presented)  The method of claim 1, further comprising:

sending an enquiry to a database from the first entity before sending the

initial request, said enquiry being based on the information regarding the

communication control entity.


18.    (Previously Presented)  The method of claim 17, further comprising:

enquiring, by the first entity, for service records of a domain name system

for obtaining routing information regarding a desired service.


19.    (Previously Presented)  The method of claim 17, further comprising:

enquiring, by the first entity, for naming authority pointer resource records

to find available services.


20.    (Previously Presented)  The method of claim 1, further comprising:

sending an enquiry from the first entity for said information regarding the

communication control entity configured to service the user.

21.    (Previously Presented)  The method of claim 1, wherein information regarding at least two different addresses for the communication control entity information is stored in the storage entity.

22.    (Previously Presented)  The method of claim 21, further comprising:
        fetching said at least two different addresses from the storage entity by the first entity before sending said request.

23.    (Previously Presented)  The method of claim 21, further comprising:
        fetching one of said at least two different addresses from the storage entity by the first entity before sending said request.

24.    (Previously Presented)  The method of claim 1, wherein the initial request is indicative of filter criteria to be applied to the request.

25.    (Cancelled)

26.    (Previously Presented)  The method of claim 1, wherein the communication control entity comprises a serving call session control function.

27.    (Previously Presented)  The method of claim 1, wherein the storage

entity comprises a user information storage entity.


28.    (Previously Presented)  The method of claim 27, wherein the user

information storage entity is one of a home subscriber server, a subscriber

location function, or a service and subscription repository.


29.    (Currently Amended)  A system, comprising:

a communication control entity configured to service a user of a

communication system; and

a first entity, including a processor for executing a server, provided with a

first interface configured to receive information from a storage entity comprising

an address of or a name of the communication control entity  and a second

interface configured to signal an initial request to the communication control

entity based on said information from the storage entity,

wherein the first entity is configured to generate the initial request on

behalf of the user, [[and]]

wherein the initial request includes information regarding the handling of

communications associated with the request, the information in the initial request

indicating whether to originate or terminate a service[[.]], and

wherein the first entity comprises an application server.

30-36.        (Cancelled)

37.    (Currently Amended)  An apparatus, comprising:

a processor for executing a service;

a first interface configured to receive information from a storage entity regarding a user of the communication system; and

a second interface configured to signal, based on said information from the storage entity, an initial request to a communication control entity configured to service the user, the information comprising an address of or a name of the communication control entity,

wherein the initial request includes information regarding the handling of communications associated with the request, the information in the initial request indicating whether to originate or terminate a service[[.]],

wherein said apparatus comprises an application server.

38.    (Cancelled)

39.    (Currently Amended)  An apparatus, comprising:

a processor for executing a service;

receiving means for receiving at a first entity associated with the communication system from a storage entity, information comprising a name of or an address of a communication control entity configured to service a user of the communication system; and

signaling means for signaling an initial request from the first entity to the communication control entity based on said information,

wherein the apparatus is configured to generate the initial request on behalf of the user, [[and]]

wherein the initial request includes information regarding the handling of communications associated with the request, the information in the initial request indicating whether to originate or terminate a service[[.]], and

wherein said apparatus comprises an application server.


40.     (Cancelled)


41.     (Previously Presented)  The apparatus of claim 46, wherein the information received from the storage entity comprises a service type indicator parameter.


42.     (Previously Presented)  The apparatus of claim 46, further comprising:

sending means for sending an enquiry to a database from the first entity, wherein the sending means is configured to send the enquiry before the initial request is sent, and said enquiry is based on the information regarding the communication control entity.

43.    (Previously Presented)  The apparatus of claim 42, wherein the first entity is configured to enquire for service records of a domain name system for obtaining routing information regarding a desired service.

44.    (Previously Presented)  The apparatus of claim 46, wherein information regarding at least two different addresses for the communication control entity information is stored in the storage entity.

45.    (Previously Presented)  The apparatus of claim 46, wherein the initial request is indicative of filter criteria to be applied to the request.

46.    (Currently Amended)  An apparatus, comprising:

a processor for executing a service;

a first interface configured to receive information from a storage entity comprising an address of or a name of a communication control entity configured to service the user based on said information from the storage entity; and

a second interface configured to signal an initial request to the

communication control entity based on said information from the storage entity,

wherein the apparatus is configured to generate the initial request on

behalf of the user, [[and]]

wherein the initial request includes information regarding the handling of

communications associated with the request, the information in the initial request

indicating whether to originate or terminate a service[[.]], and

wherein said apparatus comprises an application server.


47.    (Previously Presented)  The apparatus of claim 46, wherein the

apparatus comprises at least one of a gateway, a server, a proxy, a client, or a

user agent.


48.    (Currently Amended)  An apparatus, comprising:

a processor for sending information and processing enquiries;

two stored addresses of a communication control entity;

an address for an originating role; and

an address for a terminating role,

wherein the apparatus comprises a transmitter configured to send one or

both of the two stored addresses to an application server on request for use in

generating an initial request on behalf of a user, [[and]]

wherein the initial request includes information regarding the handling of communications associated with the request, the information in the initial request indicating whether to originate or terminate a service[[.]], and

wherein the apparatus comprises a storage entity.


49.    (Cancelled)


50.    (Currently Amended)  A computer-readable storage medium, encoded with instructions that, when executed by a computer, perform:

receiving, at an application server, information from a storage entity, said information comprising an address of or a name of a communication control entity configured to service a user of a communication system;

generating, at said application server, an initial request on behalf of the user; and

based on said information, signaling the initial request to the communication control entity,

wherein the initial request includes information regarding the handling of communications associated with the request, the information in the initial request indicating whether to originate or terminate a service.

51.    (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

deciding how the communication control entity shall handle further communications associated with the request.


52.    (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

modifying information regarding the address of the communication control entity before sending the initial request.


53.    (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

adding, by the first entity, a service type indicator into the initial request.


54.    (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

selecting, by the first entity, a port where the request shall be sent.


55.    (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

sending an enquiry to a database from the first entity before sending the initial request, said enquiry being based on the information regarding the communication control entity.


56.     (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

enquiring, by the first entity, for service records of a domain name system for obtaining routing information regarding a desired service.


57.     (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

enquiring, by the first entity, for naming authority pointer resource records to find available services.


58.     (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

sending an enquiry from the first entity for said information regarding the communication control entity configured to service the user.


59.     (Previously Presented)  The computer-readable storage medium of claim 50, further comprising instructions to perform:

fetching at least two different addresses of the communication control

entity from the storage entity by the first entity before sending said request.


60.    (Previously Presented)  The computer-readable storage medium of

claim 50, further comprising instructions to perform:

fetching one of at least two different addresses of the communication

control entity from the storage entity by the first entity before sending said

request.


61. (Previously Presented) The apparatus of claim 48, wherein the

information regarding the handling of communications comprises a service type

indicator parameter.


62.    (Previously Presented)  The apparatus of claim 48, further

comprising:

a receiver configured to receive an enquiry, wherein the enquiry is

received before the initial request is sent, and said enquiry is based on the

information regarding the communication control entity.


63.    (Currently Amended)  A method, comprising:

storing, at a storage entity, two stored addresses of a communication
control entity, wherein one of said two addresses comprises an address for an
originating role and wherein one of said two addresses comprises an address for
a terminating role; and

on request, sending by said storage entity one or both of the two stored
addresses to an application server ~~on request~~ for use in generating an initial
request on behalf of a user, wherein the initial request includes information
regarding the handling of communications associated with the request, the
information in the initial request indicating whether to originate or terminate a
service[[.]],

said storage entity including a processor for sending information and
processing enquiries.


64. (Previously Presented) The method of claim 63, wherein the
information regarding the handling of communications comprises a service type
indicator parameter.


65.    (Previously Presented)  The method of claim 63, further comprising:
receiving an enquiry, wherein the enquiry is received before the initial
request is sent, and said enquiry is based on the information regarding the
communication control entity.

66.    (Currently Amended)  A computer-readable medium encoded with instructions that, when executed on a computer, perform a process, the process comprising:

storing, at a storage entity, two stored addresses of a communication control entity, wherein one of said two addresses comprises an address for an originating role and wherein one of said two addresses comprises an address for a terminating role; and

on request, sending by said storage entity, one or both of the two stored addresses to an application server on request for use in generating an initial request on behalf of a user, wherein the initial request includes information regarding the handling of communications associated with the request, the information in the initial request indicating whether to originate or terminate a service.

67. (Previously Presented) The computer-readable medium of claim 66, wherein the information regarding the handling of communications comprises a service type indicator parameter.

68.    (Previously Presented)  The computer-readable medium of claim 66, wherein the process further comprises:

receiving an enquiry, wherein the enquiry is received before the initial

request is sent, and said enquiry is based on the information regarding the

communication control entity.


69.    (Currently Amended)  An apparatus, comprising:

a processor for sending information and processing enquiries;

storage means for storing, at a storage entity, two stored addresses of a

communication control entity, wherein one of said two addresses comprises an

address for an originating role and wherein one of said two addresses comprises

an address for a terminating role; and

transmission means for, on request, sending from said storage entity one

or both of the two stored addresses to an application server on request for use in

generating an initial request on behalf of a user, wherein the initial request

includes information regarding the handling of communications associated with

the request, the information in the initial request indicating whether to originate or

terminate a service

The following is an examiner's statement of reasons for allowance: Applicant's arguments, when taken as a whole, are persuasive. Particularly, Applicant's arguments on page 26 are persuasive. The prior art does not teach or suggest the claimed subject matter, particularly where the claimed first entity comprises an application server.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John M. MacIlwinen whose telephone number is (571) 272-9686. The examiner can normally be reached on M-F 7:30AM - 5:00PM EST; off alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (571) 272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system.  Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Andrew  Caldwell/
Supervisory Patent Examiner, Art
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John MacIlwinen

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